



Docket No.: 104385.145US1

PATENT/OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Guiyi ZHANG-SUN et al.

Serial No. 10/075,542

Filed: February 15, 2002

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: Group Art Unit: 1651  
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: Examiner: David M. Naff

For: MATRIX STABILIZED ENZYME CRYSTALS AND METHODS OF USE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

In accordance with 37 C.F.R. § 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search had been made or that information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item, and Applicant reserves the right to prove that the date of publication is in fact different.

Copies of the documents listed on page 1 of Form PTO-1449, some of which were cited in the prosecution of the corresponding PCT patent application, are enclosed. A copy of the search report for the PCT patent application is also enclosed.

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The Commissioner is authorized to charge the fee of \$180.00 pursuant to 37 CFR § 1.17(p) and is attached any deficiency in any fees pursuant to 37 CFR § 1.17 associated with this communication and to credit any excess payment to Deposit Account No. 08-0219.

Respectfully submitted,

HALE AND DORR LLP

A handwritten signature in cursive script, reading "Marla L. Maebius".

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Date: 6 November 2003



<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (PTO-1449)	ATTY. DOCKET NO. 104385.145US1	SERIAL NO. 10/075,542
	APPLICANT Guiyi ZHANG-SUN et al.	
	FILING DATE February 15, 2002	GROUP 1651

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,970,156	11/13/90	Avrameas et al.			09/13/85
	5,618,710	04/08/97	Navia et al.			02/12/93

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	WO 95/00171	01/05/95	WO			X	
	EP 0 861 888	09/02/98	EP			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Inoue, Shintaro et al. November 26, 1986. "Entrapment of Phenylalanine Ammonia-Lyase in Silk Fibroin for Protection from Proteolytic Attack." <i>Biochemical and Biophysical Research Communications</i> , Vol. 141, No. 1. pp. 165 – 170.
	Chang, Thomas Ming Swi. 1998. "Pharmaceutical and therapeutic applications of artificial cells including microencapsulation." <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , Vol. 45, No.1. pp. 3 – 8.
	13 June 2003. International Search Report from PCT/IB02/01900.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.